# SAFETY DATA SHEET

**OSHA HCS (29 CFR 1910.1200)**

## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

<table>
<thead>
<tr>
<th>Product Identifier</th>
<th>Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Name</td>
<td>Mixture</td>
</tr>
<tr>
<td>CAS No.</td>
<td>Mixture</td>
</tr>
<tr>
<td>Trade Name</td>
<td>Clean Streak Aerosol</td>
</tr>
<tr>
<td>Product Code</td>
<td>None</td>
</tr>
</tbody>
</table>

### Relevant identified uses of the substance or mixture and uses advised against

<table>
<thead>
<tr>
<th>Identified Use(s)</th>
<th>Lubricant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Uses Advised Against</td>
<td>None</td>
</tr>
</tbody>
</table>

### Company Identification

- **White Lightening Co.**
  - 50 Wireless Blvd.
  - Hauppauge, NY 11788

### Emergency telephone number

- **Medical Emergency:** PROSAR 24 hr: 1-800-217-5157 / 1-651-523-0304
- **Transportation Emergency:** CHEMTREC 24 hr: 1-800-424-9300 / 1 (703) 527-3887 (Collect calls accepted)

## SECTION 2: HAZARDS IDENTIFICATION

### Classification of the substance or mixture

- OSHA HCS (29 CFR 1910.1200)
- Flam. Aerosol 1; Skin Irrit. 2; Asp. Tox. 1; STOT SE 3

### Label elements

- **Hazard Symbol:**
  - Flame
  - Exclamation Mark
  - Skull and Crossbones

### Hazard Statement(s)

- Extremely flammable aerosol.
- Pressurized container: May burst if heated.
- Causes skin irritation.
- May be fatal if swallowed and enters airways.
- May cause drowsiness or dizziness.

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Precautionary Statement(s)

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Do not spray on an open flame or other ignition source.
Pressurized container: Do not pierce or burn, even after use.
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician. Do NOT induce vomiting.
Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
Keep out of reach of children.

Other hazards
None

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Ingredient(s)</th>
<th>% wt.</th>
<th>CAS No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>VM &amp; P Naptha</td>
<td>40 - 60</td>
<td>64742-89-8</td>
</tr>
<tr>
<td>Heptane, branched, cyclic and linear</td>
<td>20 - 30</td>
<td>426260-76-6</td>
</tr>
<tr>
<td>Propane</td>
<td>5 - 15</td>
<td>74-98-6</td>
</tr>
<tr>
<td>Butane</td>
<td>5 - 15</td>
<td>106-97-8</td>
</tr>
<tr>
<td>1-methoxypropan-2-ol</td>
<td>5 - 15</td>
<td>107-98-2</td>
</tr>
<tr>
<td>d-Limonene</td>
<td>&lt;1</td>
<td>5989-27-5</td>
</tr>
</tbody>
</table>

Additional Information - None

SECTION 4: FIRST AID MEASURES

Description of first aid measures

Inhalation
Move person to fresh air. If breathing is labored, administer oxygen. If symptoms develop, obtain medical attention.

Skin Contact
Wash affected skin with soap and water. If symptoms develop, obtain medical attention.

Eye Contact
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If symptoms occur obtain medical attention.

Ingestion
Do not give anything by mouth to an unconscious person. Seek medical treatment.

Most important symptoms and effects, both acute and delayed
Aspiration of droplets may cause pulmonary edema. Contains: d-limonene. May cause an allergic skin reaction.

Indication of any immediate medical attention and special treatment needed
IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
SECTION 5: FIRE-FIGHTING MEASURES

Extinguishing Media
- Suitable Extinguishing Media: Extinguish with carbon dioxide, dry chemical, foam or water spray.
- Unsuitable Extinguishing Media: Do not use water jet.

Special hazards arising from the substance or mixture
- Highly flammable vapor (flash point below 23°C).

Advice for fire-fighters
- A self-contained breathing apparatus and suitable protective clothing should be worn in fire conditions. Keep containers cool by spraying with water if exposed to fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
- Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
- Take precautionary measures against static discharges. Avoid contact with skin and eyes. Avoid breathing vapors.

Environmental precautions
- Prevent liquid entering sewers, basements and work pits.

Methods and material for containment and cleaning up
- Cover spills with inert absorbent material. Transfer to a container for disposal or recovery.

Reference to other sections
- None

Additional Information
- None

SECTION 7: HANDLING AND STORAGE

Precautions for safe handling
- Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
- Avoid contact with skin and eyes. Avoid breathing vapors. Use product in a well-ventilated area only.

Conditions for safe storage, including any incompatibilities
- Storage temperature: Keep in a cool, well ventilated place. Store at temperatures not exceeding 50 °C / 122 °F.
- Incompatible materials: This product should be stored away from sources of strong heat or oxidizing chemicals.

Specific end use(s)
- Lubricant

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits

<table>
<thead>
<tr>
<th>SUBSTANCE.</th>
<th>CAS No.</th>
<th>(8hr TWA)</th>
<th>(15 min STEL)</th>
<th>Note:</th>
</tr>
</thead>
<tbody>
<tr>
<td>VM &amp; P Naptha</td>
<td>64742-89-8</td>
<td>-----</td>
<td>1500 mg/m³</td>
<td>-----</td>
</tr>
<tr>
<td>Heptane, branched, cyclic and linear</td>
<td>426260-76-6</td>
<td>500 ppm*</td>
<td>1500 mg/m³</td>
<td>-----</td>
</tr>
<tr>
<td>Propane</td>
<td>74-98-6</td>
<td>1000 ppm</td>
<td>Aspyx.⁹</td>
<td>-----</td>
</tr>
<tr>
<td>1-methoxypropan-2-ol</td>
<td>107-98-2</td>
<td>-----</td>
<td>50 ppm</td>
<td>100 ppm</td>
</tr>
</tbody>
</table>

*Assure minimum oxygen content of work atmosphere.

Recommended monitoring method
- NIOSH 1500 (hydrocarbons, B.P. 36 - 216 °C); NIOSH 2554 (Glycol ethers); NIOSH 1550 (Naphthas)

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Exposure controls
Appropriate engineering controls
Provide adequate ventilation to ensure that the occupational exposure limit is not exceeded.

Personal protection equipment
Eye/face protection
Wear protective eyewear (goggles, face shield, or safety glasses).

Skin protection (Hand protection/ Other)
Wear suitable gloves if prolonged skin contact is likely (Nitrile rubber)

Respiratory protection
In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards
Not normally required. Use gloves with insulation for thermal protection, when needed.

Environmental Exposure Controls
None known

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Liquid</td>
</tr>
<tr>
<td>Color</td>
<td>Colorless</td>
</tr>
<tr>
<td>Odor</td>
<td>Citrus</td>
</tr>
<tr>
<td>Odor Threshold (ppm)</td>
<td>Not available</td>
</tr>
<tr>
<td>pH (Value)</td>
<td>Not available</td>
</tr>
<tr>
<td>Melting Point (°C) / Freezing Point (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Boiling point/boiling range (°C):</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash Point (°C)</td>
<td>-104 (Propane)</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>Not available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Extremely flammable</td>
</tr>
<tr>
<td>Explosive Limit Ranges</td>
<td>2.1% - 9.5% v/v (Propane)</td>
</tr>
<tr>
<td>Vapor pressure (Pascal)</td>
<td>ca. 95 x 10^4 (Propane)</td>
</tr>
<tr>
<td>Vapor Density (Air=1)</td>
<td>ca. 1.56 @ 0°C (Propane)</td>
</tr>
<tr>
<td>Density (g/ml)</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility (Water)</td>
<td>Not available</td>
</tr>
<tr>
<td>Solubility (Other)</td>
<td>Not available</td>
</tr>
<tr>
<td>Partition Coefficient (n-Octanol/water)</td>
<td>Not available</td>
</tr>
<tr>
<td>Auto Ignition Point (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Decomposition Temperature (°C)</td>
<td>Not available</td>
</tr>
<tr>
<td>Kinematic Viscosity</td>
<td>&lt;25</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not explosive.</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>Not oxidizing.</td>
</tr>
<tr>
<td>Other information</td>
<td>Not available</td>
</tr>
</tbody>
</table>

SECTION 10: STABILITY AND REACTIVITY

Reactivity
Stable under normal conditions.
Clean Streak Aerosol

Chemical stability
Stable.
Possibility of hazardous reactions
None anticipated.
Conditions to avoid
Avoid contact with heat and ignition sources.
Incompatible materials
Strong oxidizing agents
Hazardous decomposition product(s)
None known

SECTION 11: TOXICOLOGICAL INFORMATION

Exposure routes: Inhalation, Skin Contact, Eye Contact

Information on toxicological effects

Substances in preparations / mixtures

VM & P Naptha (CAS# 64742-89-8)

Acute toxicity
Oral: LD50 >5 g/kg-bw
Dermal: LD50 >2 g/kg-bw
Inhalation: LC50 >5610 mg/L (Vapor), 4-hr. rat
May cause drowsiness or dizziness.
May be fatal if swallowed and enters airways.

Irritation/Corrosivity
Causes skin irritation. Repeated exposure may cause skin dryness or cracking.

Sensitization
It is not a skin sensitizer.

Repeated dose toxicity (By analogy with similar materials)
NOEL: <500 mg/kg bw/day (5 workdays/week for 4 weeks, oral., rat, Systemic effects)
NOAEC: 1402 mg/m3 (6 hr/day for 113 weeks, inhal., rat, Systemic effects)

Carcinogenicity
It is unlikely to present a carcinogenic hazard to man.
This is based on information currently available.

Mutagenicity
There is no evidence of mutagenic potential.

Reproductive toxicity
Not to be expected

Heptane, branched, cyclic and linear (CAS# 426260-76-6) - By analogy with similar materials:

Acute toxicity
Oral: LD50 >5 g/kg-bw
Dermal: LD50 >2 g/kg-bw
Inhalation: LC50 = 65 - 103 mg/L (Vapor), 4-hr. rat
May cause drowsiness or dizziness.

Irritation/Corrosivity
Causes skin irritation. Repeated exposure may cause skin dryness or cracking. May cause eye irritation.

Sensitization
It is not a skin sensitizer.

Repeated dose toxicity
NOAEC: 12350 mg/m3 (2 yr, inhal., rat, Systemic effects)
LOAEC: 1650 mg/m3 (2 hr, inhal., rat, CNS effects)
May cause drowsiness or dizziness.

Carcinogenicity
No data.
It is unlikely to present a carcinogenic hazard to man.

Mutagenicity
There is no evidence of mutagenic potential.

Reproductive toxicity
Not to be expected

1-methoxypropan-2-ol (CAS# 107-98-2)

Acute toxicity
Oral: LD50 = 4.0 g/kg-bw
Dermal: LD50 >2 g/kg-bw
Inhalation: LC50 >7000 ppm (Vapor), 6-hr. rat
Clean Streak Aerosol

**Irritation/Corrosivity**
Unlikely to cause skin irritation. Unlikely to cause eye irritation.

**Sensitization**
It is not a skin sensitizer.

**Repeated dose toxicity**
NOAEL: 919 mg/kg/days (5 workdays/week for 35 days, oral, rat, Systemic effects).
NOAEL: 1000 ppm (6 hr/day 5 workdays/week for 13 weeks, inhal., rat, Drowsiness).

**Carcinogenicity**
It is unlikely to present a carcinogenic hazard to man. This is based on information currently available.

**Mutagenicity**
There is no evidence of mutagenic potential.

**Reproductive toxicity**
Not to be expected

**D-limonene (CAS#5989-27-5)**

**Acute toxicity**
Oral: LD50 >4 g/kg (rat)

**Irritation/Corrosivity**
Not available

**Sensitization**
May cause sensitization by skin contact.

**Repeated dose toxicity**
Not available

**Carcinogenicity**
It is unlikely to present a carcinogenic hazard to man.

**Mutagenicity**
There is no evidence of mutagenic potential.

**Reproductive toxicity**
No information available

**Propane (CAS# 74-98-6):**

**Acute toxicity**
Inhalation: LC50 = 1237 mg/L (2-hr, mouse, gas)

**Irritation/Corrosivity**
No evidence of irritant effects from normal handling and use.

**Sensitization**
It is not a skin sensitizer.

**Repeated dose toxicity**
NOAEC: >19678 mg/m3 (28-day, rat, Systemic effects)
LOAEC: 21641 mg/m3 (28-day, rat, effects: Body weight)

**Carcinogenicity**
No data. It is unlikely to present a carcinogenic hazard to man.

**Mutagenicity**
There is no evidence of mutagenic potential.

**Reproductive toxicity**
Not to be expected

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**SECTION 12: ECOLOGICAL INFORMATION**

**Toxicity**
**Substances in preparations / mixtures**
**VM&P Naphtha (CAS# 64742-89-8):**

**Short term**
LL50 (96 hour): 8.2 mg/L (*Pimephales promelas*)
EL50 (48 hour): 4.5 mg/l (*Daphnia magna*, mobility)
EL50 (96 hour): 3.7 mg/l (*Pseudokirchneriella subcapitata*)

**Long Term**
NOELR (28 days) 2.6 mg/l (*Pimephales promelas*) QSAR
NOELR (21 days): 16 mg/l (*Daphnia magna*)
NOELR (72 hour) 0.5 mg/l (*Algae*)

**Persistence and degradability**
Readily biodegradable.

**Bioaccumulative potential**
Not available.

**Mobility in soil**
Not available.

**Results of PBT and vPvB assessment**
Not classified as PBT or vPvB.

**Other adverse effects**
None known.

**Heptane, branched, cyclic and linear (CAS# 426260-76-6) - By analogy with similar materials:**

**Short term**
LL50 (96 hour): >13.4 mg/L (*Oncorhynchus mykiss*)
EL50 (48 hour): 3 mg/l (*Daphnia magna*, mobility)
EC50 (96 hour): 13 mg/l (*Pseudokirchneriella subcapitata*)

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Long Term

NOELR (28 days) 1.5 mg/l (Fish) QSAR
LOEC (21 days): 0.32 mg/l (Daphnia magna)
NOEL (96 hour) 6.3 mg/l (Algae)

Persistence and degradability Not available.
Bioaccumulative potential Not available.
Mobility in soil Not available.
Results of PBT and vPvB assessment Not classified as PBT or vPvB.
Other adverse effects None known.

D-limonene (CAS#5989-27-5):
Short term LC50 (96 hour) 720µg/l (Fathead minnow (Pimephales promelas))
Long Term Not available
Persistence and degradability Readily biodegradable.
Bioaccumulative potential Not available
Mobility in soil Not available
Results of PBT and vPvB assessment Not available
Other adverse effects None known.

SECTION 13: DISPOSAL CONSIDERATIONS

Waste treatment methods
Disposal should be in accordance with local, state or national legislation. Consult an accredited waste disposal contractor or the local authority for advice.

SECTION 14: TRANSPORT INFORMATION

U.S. DOT Land transport Sea transport Air transport
(ADR/RID) (IMDG) (ICAO/IATA)
UN number 1950 1950 1950 1950
Proper Shipping Name Aerosols, Aerosols, Aerosols, Aerosols,
flammable flammable flammable flammable
Transport hazard class(es) 2.1 2.1 2.1 2.1
Packing group Not applicable Not applicable Not applicable Not applicable
Environmental hazards None assigned None assigned None assigned None assigned
Special precautions for user Not assigned Not assigned Not assigned Not assigned

Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: Not applicable

SECTION 15: REGULATORY INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

TSCA (Toxic Substance Control Act) - Inventory Status: All components listed or polymer exempt.

Designated Hazardous Substances and Reportable Quantities (40 CFR 302.4):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
<th>RQ (Pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>----</td>
<td>----</td>
<td>----</td>
</tr>
</tbody>
</table>

SARA 311/312 - Hazard Categories:
- ☑ Fire
- ☑ Sudden Release
- ☐ Reactivity
- ☑ Immediate (acute)
- ☐ Chronic (delayed)

SARA 313 - Toxic Chemicals (40 CFR 372):

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>----</td>
<td>----</td>
</tr>
</tbody>
</table>

SARA 302 - Extremely Hazardous Substances (40 CFR 355):
Clean Streak Aerosol

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Typical %wt.</th>
<th>TPQ (pounds)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>----</td>
<td>----</td>
<td>----</td>
</tr>
</tbody>
</table>

California Proposition 65 List:

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS No.</th>
<th>Type of Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>----</td>
<td>----</td>
</tr>
</tbody>
</table>

**SECTION 16: OTHER INFORMATION**

The following sections contain revisions or new statements: 1-16.

**Date of preparation:** May 31, 2014

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